

Title (en)
IMPROVING MILK PRODUCTION AND COMPOSITIONAL CHARACTERISTICS WITH NOVEL RUMINOCOCCUS BOVIS

Title (de)
VERBESSERUNG DER MILCHPRODUKTION UND ZUSAMMENSETZUNGSEIGENSCHAFTEN MIT NEUEN RUMINOCOCCUS BOVIS

Title (fr)
AMÉLIORATION DE LA PRODUCTION DE LAIT ET DES CARACTÉRISTIQUES DE COMPOSITION AVEC UN NOUVEAU RUMINOCOCCUS BOVIS

Publication
EP 4125413 A1 20230208 (EN)

Application
EP 21781462 A 20210331

Priority
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• US 2021025264 W 20210331

Abstract (en)
[origin: WO2021202804A1] The disclosure relates to isolated microorganisms—including novel strains of the microorganisms such as Ruminococcus bovis sp. nov.—microbial ensembles, and compositions comprising the same. Furthermore, the disclosure teaches methods of utilizing the described microorganisms, microbial ensembles, and compositions comprising the same, in methods for modulating the production and yield of milk and milk components in ruminants. In particular aspects, the disclosure provides methods of increasing desirable components of milk in ruminants. Furthermore, the disclosure provides for methods of modulating the rumen microbiome.

IPC 8 full level
A23K 10/18 (2006.01); **A23K 50/10** (2006.01); **A61K 35/74** (2006.01)

CPC (source: EP US)
A23K 10/18 (2016.05 - EP US); **A23K 10/30** (2016.05 - US); **A23K 40/35** (2016.05 - EP US); **A23K 50/10** (2016.05 - EP US); **A61K 9/0056** (2013.01 - US); **A61K 35/74** (2013.01 - US); **A61K 35/742** (2013.01 - EP US); **A61K 36/064** (2013.01 - EP US); **A23V 2002/00** (2013.01 - EP); **A61K 2035/11** (2013.01 - US)

C-Set (source: EP)
1. **A23V 2002/00 + A23V 2200/3204**
2. **A61K 35/742 + A61K 2300/00**
3. **A61K 36/064 + A61K 2300/00**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DOCDB simple family (application)
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